

Application/Control Number: 09/101,825
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66 (cancelled).

67 (previously presented). The polypeptide of claim 66 whose length does not exceed 10 amino acids.

68 (currently amended). The polypeptide of claim 18, said polypeptide being selected from the group consisting of polypeptides identical to SEQ ID NO:19, SEQ ID NO:20, SEQ ID NO:21, and SEQ ID NO:22, except that at least one of conditions (I)-(IV) +(v) applies.

69-73 (cancelled).

74 (previously presented). The polypeptide of claim 18 where said amino acids, other than X_A, X_B, X_C, X_D, X_E or X_F, are alpha or beta amino acids.

75 (previously presented). The polypeptide of claim 18 which is not more than 15 a.a. in length.

76 (currently amended). A non-naturally occurring polypeptide, or a polypeptide in at least partially purified form, which is six to 20 amino acids in length, and which comprises the following sequence

X_A-X_D-X_B-X_E-X_C-X_F

X_A is L-Thr or a non-natural or unusual an amino acid other than a genetically encoded amino acid, the genetically encoded amino acids being here defined as amino acids selected from the group consisting of glycine, L-alanine, L-serine, L-threonine, L-leucine, L-isoleucine, L-methionine, L-valine, L-cysteine, L-asparagine, L-aspartic acid, L-glutamine, L-glutamic acid, L-arginine, L-lysine, L-histidine, L-phenylalanine, L-tryptophan, L-tyrosine, and L-proline,

X_B is L-Lys or a non-natural or unusual an amino acid other than a genetically encoded amino acid,

X_C is L-Arg or a non-natural or unusual an amino acid other than a genetically encoded amino acid,

X_D and X_F are independently selected from the group consisting of L-Met, L-Ile, L-Leu, L-Val and a non-natural or unusual an